

Abstract

A gas turbine protection apparatus, which can output a gas turbine protection signal only when a combustor is abnormal, without increasing the number of temperature sensors such as thermocouples. For this purpose, a BPT deviation change amount large automatic stop signal is outputted when a BPT deviation change amount of any of the thermocouples exceeds a BPT deviation change amount large set value, and a BPT deviation change amount large signal is outputted from a determining section (15), and when the BPT deviation change amount of any of the thermocouples adjacent bilaterally to the any thermocouple exceeds a BPT deviation change amount present set value, and a BPT deviation change amount present signal is outputted from a determining section (16a, 16b). Alternatively, a BPT deviation great automatic stop or tripping signal is outputted when a BPT deviation of any of the thermocouples exceeds a BPT deviation great set value, and a BPT deviation great signal is outputted from a determining section, and when the BPT deviation of any of the thermocouples adjacent bilaterally to the any thermocouple exceeds a BPT deviation present set value, and a BPT deviation present signal is outputted from a determining section.